OIF 05-07.2 ANALYSIS

26 Apr 2007

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I MEF
Distribution Officer

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1st MLG
MDC OIC (Fwd)

MEF Distribution Officer – Billet Overview

- Monitor, facilitate, and improve sustainment distribution at the strategic and operational levels ensuring smooth transition to the tactical level
- Advocate for convoy mitigation initiatives
- Serve as MNF-W Container Manager
- Integrate and synchronize efforts of multi-functional Logistic Combat Element (LCE) support areas:
  - Supply, Contracting, Transportation, Movement Control, and Information Management
- Monitor and prioritize high visibility cargo movement, i.e. SEI/UUNS
- Monitor and facilitate ITV throughout the distribution pipeline focusing on materiel movement across MNF-W battle space
- Monitor theater common-user transportation lift ISO MNF-W cargo flows
- Manage ACA air challenges
- Manage and execute purple/green sheet process for expediting cargo movement
- Analyze end-to-end distribution processes with joint distribution agencies:
  - CDDOC, MARCENT (MCE-K), 13th SC(E), CFLCC, CFACC, AMD
- Develop and maintain MAGTF Distribution informational web page
- Keep Mo out of trouble!!!!!

MDC OPERATIONS

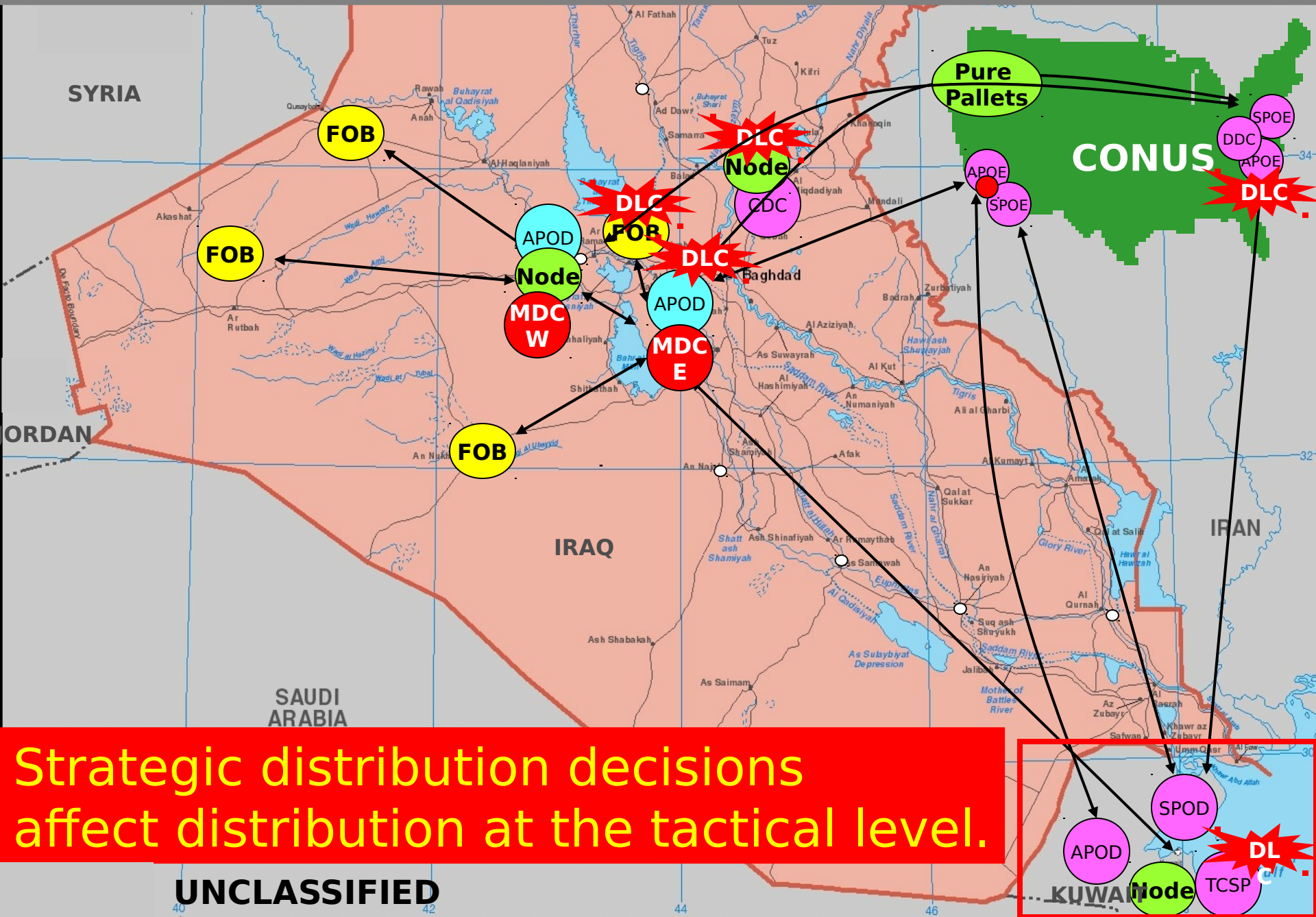
MDC Mission

Provide general support shipping, receiving and consolidated distribution capability and facilitate E2E in-transit visibility for Multi-National Force-West (MNF-W) units in order to maintain throughput velocity and sustain operational tempo.

MDC Capabilities

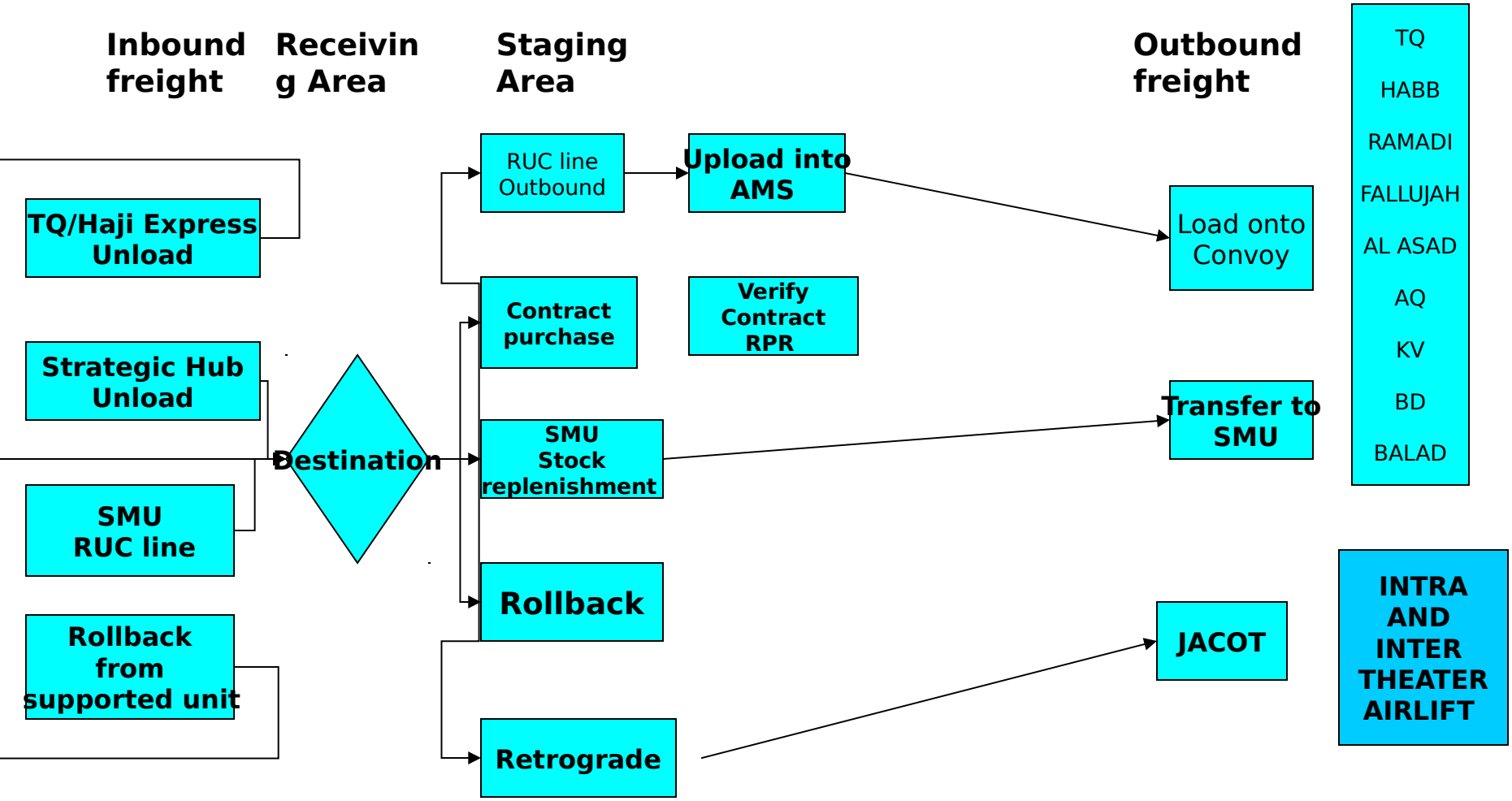
- Ground Freight receiving and shipping (AMS-TAC)
- Air Freight receiving and shipping (AMS-TAC, D-CMOS, GATES)
- In-Transit Visibility (BCS3, W2W/LTM, Interrogator Network)
- Container Management
- Throughput nodes at Charleston SC, Arifjan, Fallujah, Al Asad, Ramadi, and Balad

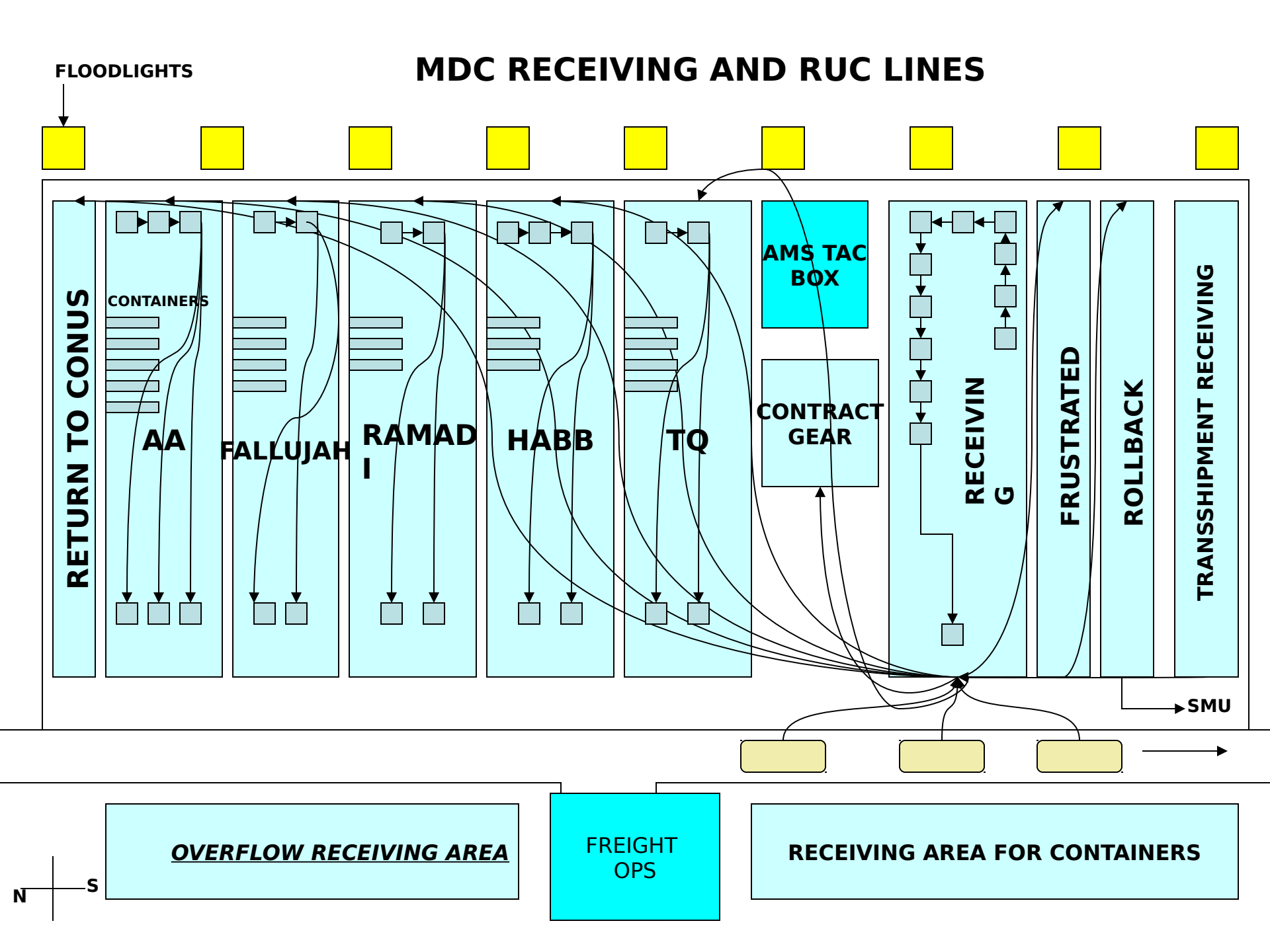
Strategic/Operational/Tactical Distribution Process



MAGTF Distribution Center

Cargo Flow




FLOODLIGHTS
MDC RECEIVING AND RUC LINES
RETURN TO CONUS
CONTAINERS
AA
FALLUJAH
RAMADI
HABB
TQ
AMS TAC BOX
CONTRACT GEAR
RECEIVING
FRUSTRATED
ROLLBACK
TRANSSHIPMENT RECEIVING
SMU
OVERFLOW RECEIVING AREA
FREIGHT OPS
RECEIVING AREA FOR CONTAINERS
N
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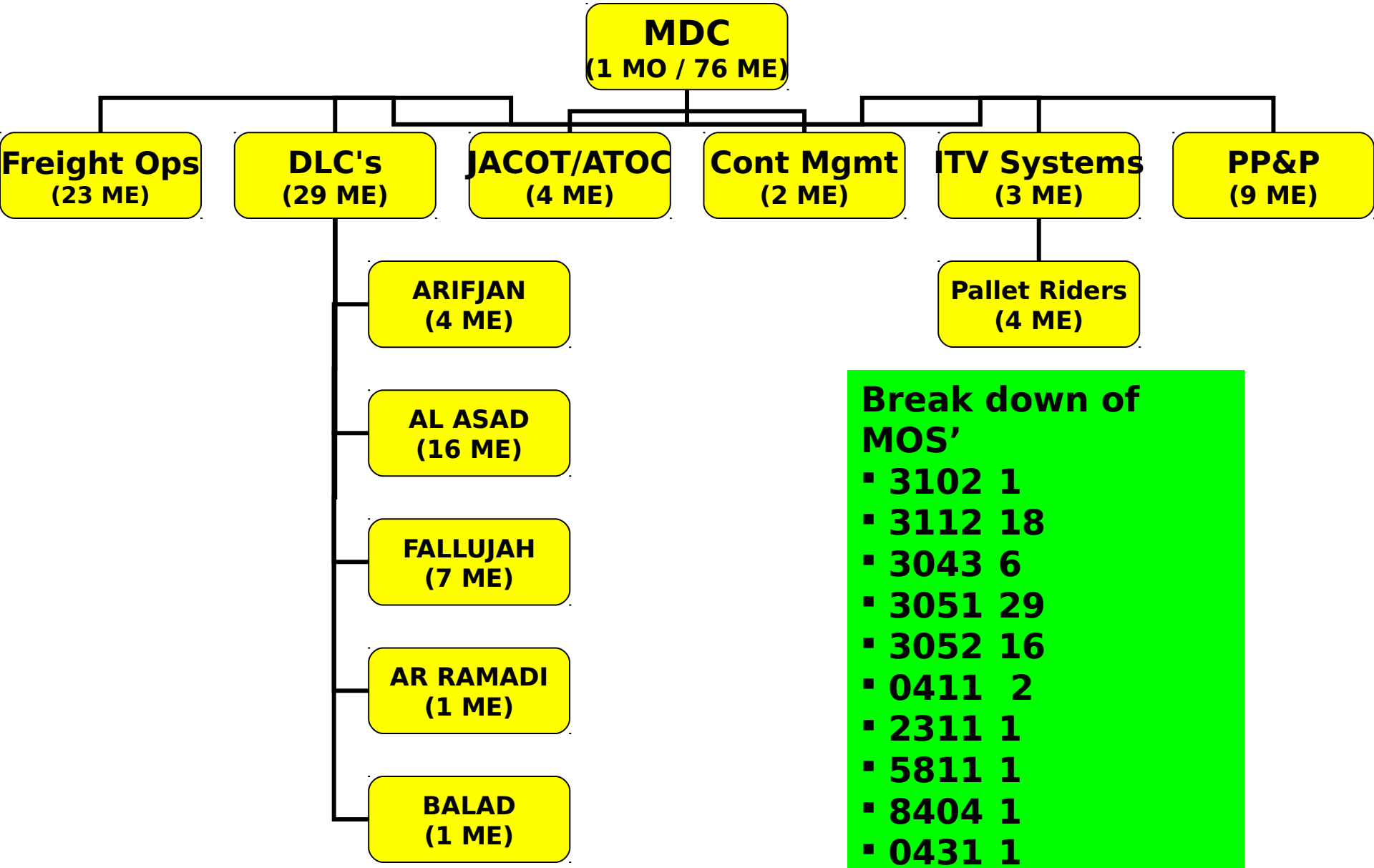
1st MLG 31XX Table of Organization/Table of Equipment

Materiel Distribution Center



Break down of MOS'

- 3102 1
- 3112 18
- 3043 6
- 3051 29
- 3052 16
- 0411 2
- 2311 1
- 5811 1
- 8404 1
- 0431 1

Discussion

- The 1st MLG CLR-15 Supply Management Unit (SMU) Materiel Distribution Center (MDC) is responsible for the distribution of sustainment cargo in support of the MAGTF and should be fully staffed with deployable and proficient subject matter experts.
- The MDC is currently an adhoc organization with-in the MLG and does not possess a hard-lined Table of Organization (T/O) or Table of Equipment (T/E).
- Prior to OIF, 31XX's with-in FSSG's were assigned to Landing/Transportation Support Battalions (TSB); however, during the initial phases of OIF, 31XX's were transferred from TSB to Supply Battalion to serve as an element of the MDC to effect the distribution of sustainment supplies.
- During OIF 05-07 significant 31XX shortfalls existed w/in the MDC and Distribution Liaison Centers (DLC) which required other occupational field specialists, i.e., Supply, PP&P, Ammo Techs, and Corpsman to perform 31XX functions.
- 31XX manpower shortfalls have a negative impact on MDC and DLC operations, & also affect other logistic occupational fields with-in the MLG that were required to support the MDC.

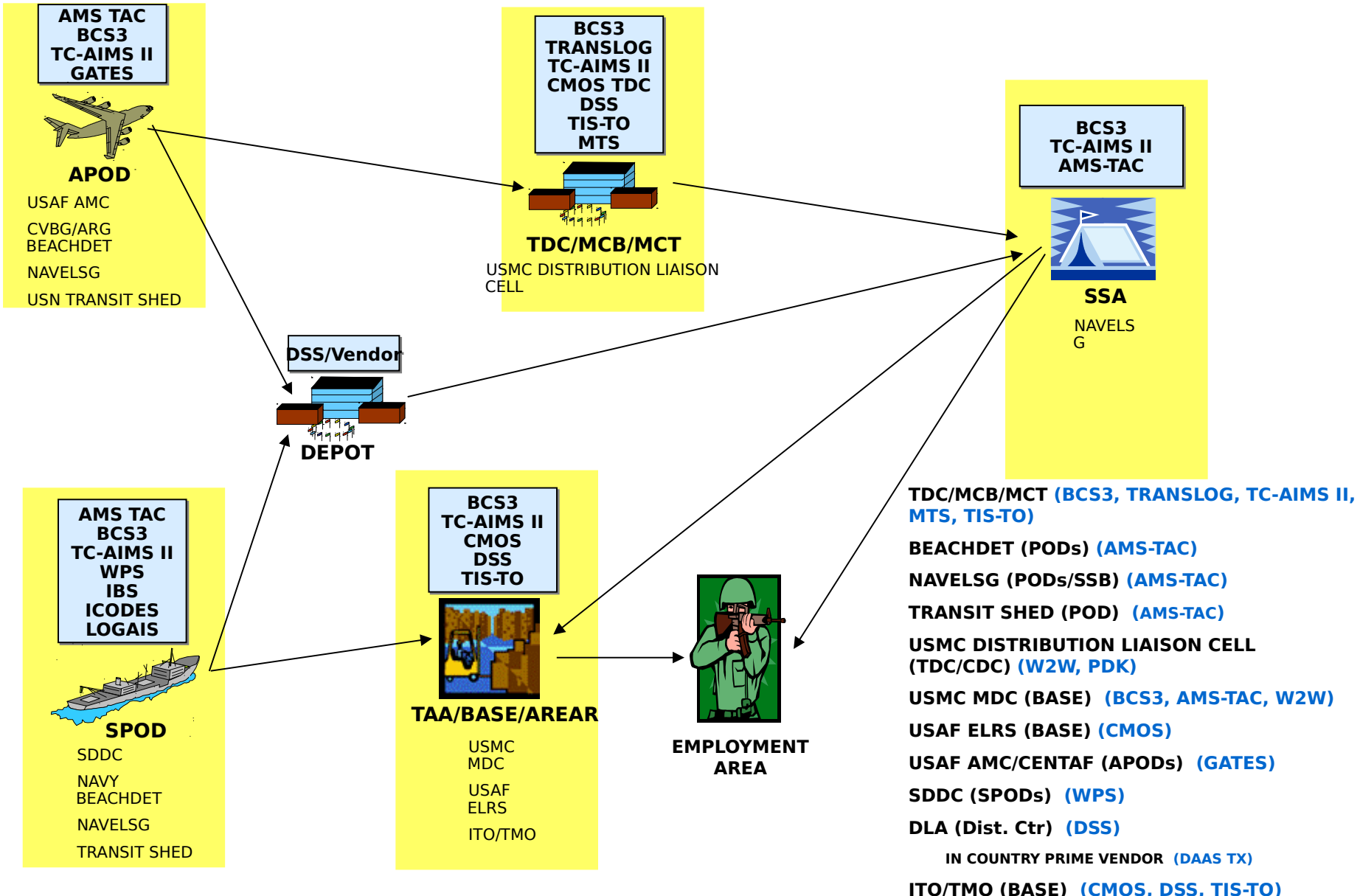
Recommendation

- Develop a MDC T/O and T/E and staff MLG’s with deployable and proficient 31XX’s in order to effectively support the MAGTF’s sustainment distribution requirements.

Automated Information Systems and Automated Information Technology

- Segmented Processes & Incompatible Solutions
  - Marines lack common basic knowledge on all distribution AIT/AIS systems.
  - DLCs lack common feedback for inbound cargo.
  - Many users cannot connect to CONUS websites due to CAC restrictions on the servers
  - NO EXPEDITIONARY DISTRIBUTION SOLUTION for the same transportation data that can be easily re-distribute vice hand jamming the data every time the cargo relocates (redundant and tedious process).
- Why ?
  - Four Armed Service based approaches
  - Executors lack understanding their role in total system performance
  - Lack of a Joint Business Network
  - NO JOINT DEVELOPMENTAL ENVIRONMENT

Theater Distribution Environment (As-Is)



TDC/MCB/MCT (BCS3, TRANSLOG, TC-AIMS II, MTS, TIS-TO)

BEACHDET (PODs) (AMS-TAC)

NAVELSG (PODs/SSB) (AMS-TAC)

TRANSIT SHED (POD) (AMS-TAC)

USMC DISTRIBUTION LIAISON CELL (TDC/CDC) (W2W, PDK)

USMC MDC (BASE) (BCS3, AMS-TAC, W2W)

USAF ELRS (BASE) (CMOS)

USAF AMC/CENTAF (APODs) (GATES)

SDDC (SPODs) (WPS)

DLA (Dist. Ctr) (DSS)

IN COUNTRY PRIME VENDOR (DAAS TX)

ITO/TMO (BASE) (CMOS, DSS, TIS-TO)

RECOMMENDATION

- We need a system that captures and maintains reliable data across the logistics pipeline in order to properly redistribute information across all services transportation AIS/AIT.
- Systems interfaces needs to be conducted 3-6 months prior to deployment and coordination w/G-6 is critical.

OIF 05-07/2 AFTER ACTION REPORT/LESSONS LEARNED

- Air Transportability Test Loading Agency (ATTLA) Certification Process
- Marine Corps Airlift Eligibility Criteria
- Shipment of Commercial Vendor Procured Equipment and Supplies
- Hazardous Material (HAZMAT) Certification
- Marine Corps Expeditor at Charleston, AFB

OIF 05-07/I2 AFTER ACTION REPORT/LESSONS LEARNED

- Marine Corps Air Clearance Authority (ACA)/ Procurement Traffic Section, MCLB Barstow Hours of Operations/Manpower Shortfalls
- Traffic Management Officer Employment w/in 1st MLG G-3 LMCC
- 31XX Occ Fld Training/Proficiency
- Redundant Shipping Activities ISO the MAGTF

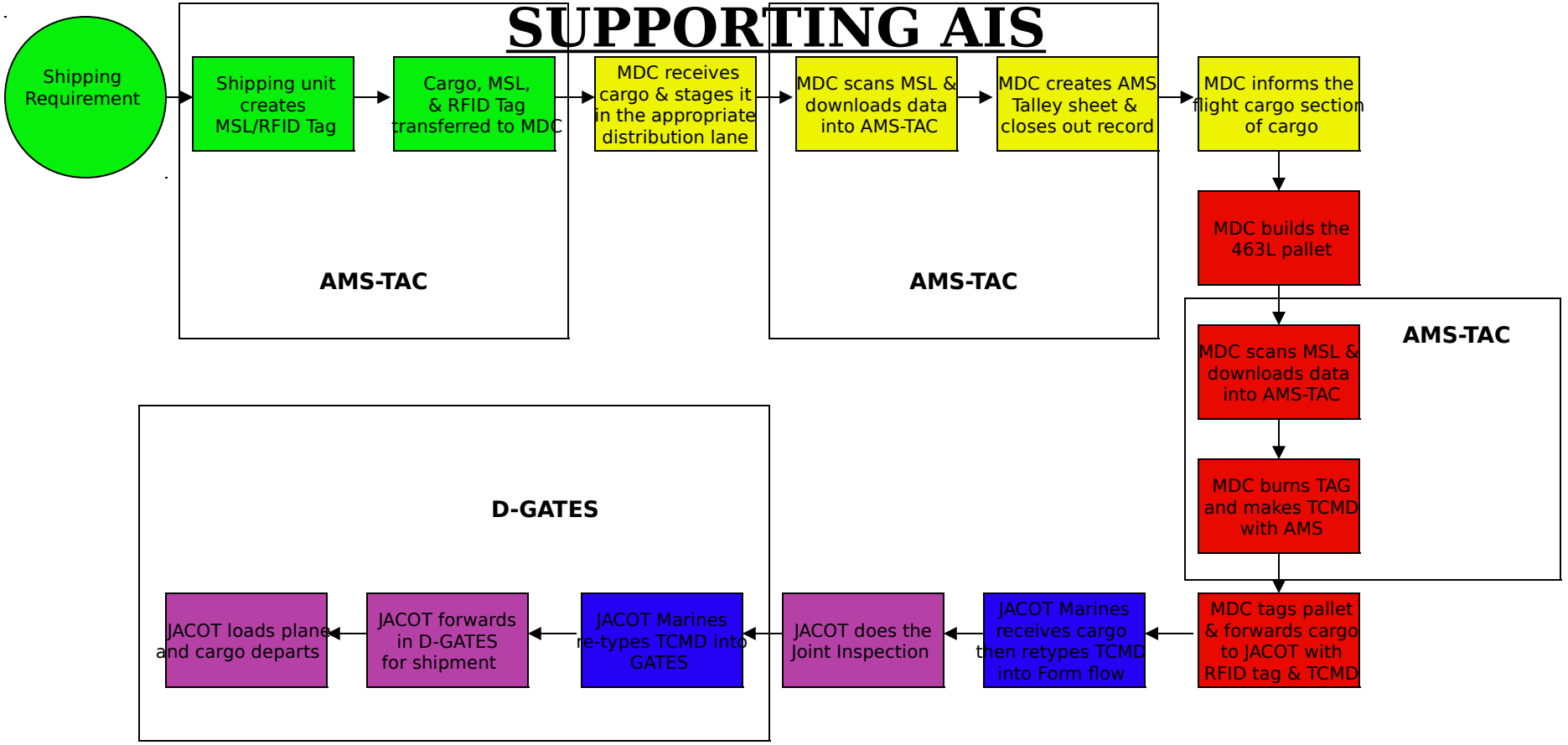
OIF 05-07/2 AFTER ACTION REPORT/LESSONS LEARNED

- Cargo Routing/Accountability Requirements Influences Ineffective Distribution Processes
- CENTCOM AOR Theater Channel Airlift System Transportation Priorities
- Worldwide Express (WWX)/International Heavyweight Express (IHX) Commercial Air Cargo Service
- 3rd Party Commercial Carrier Account

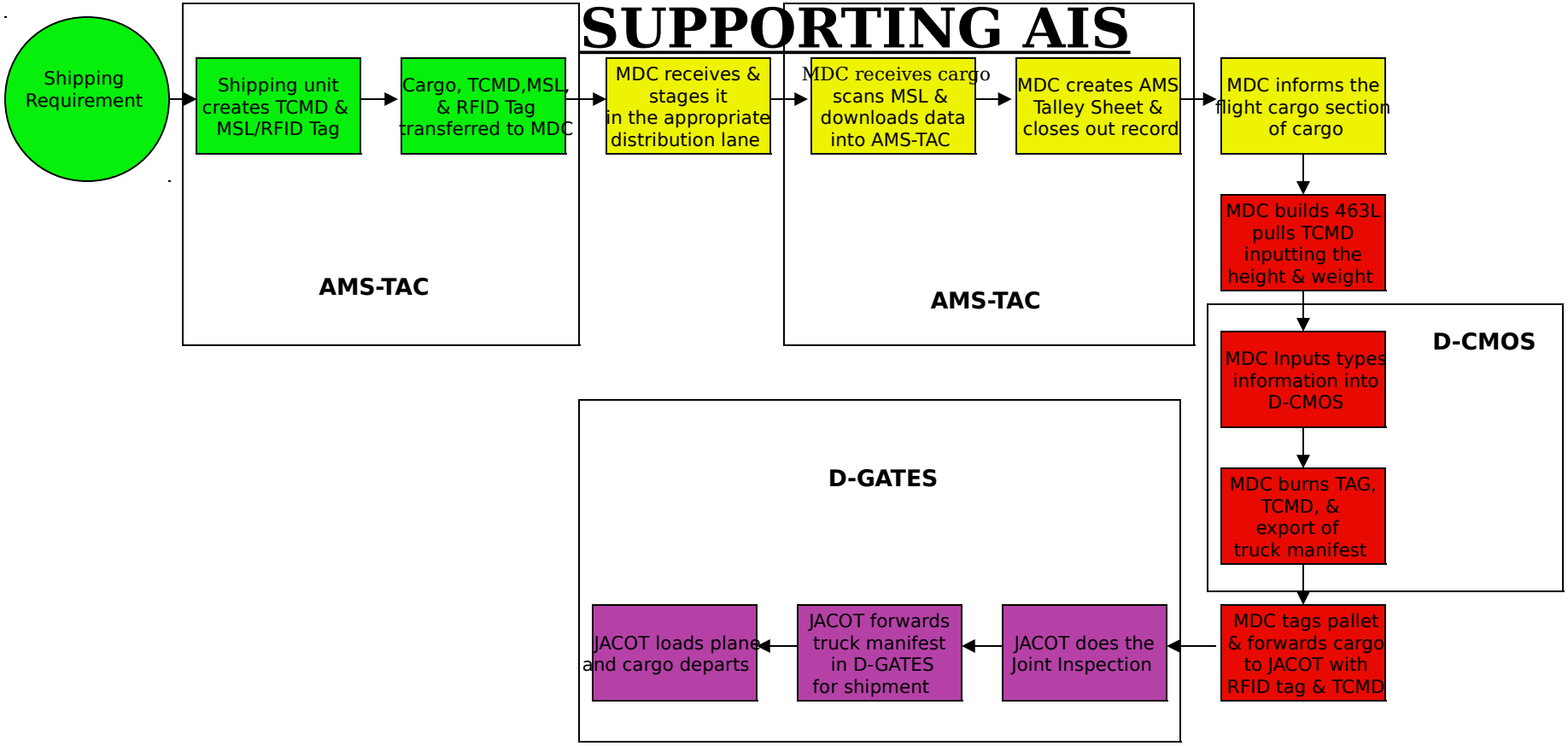
Deployable-Cargo Movement Operations System (D-CMOS)

- Locations
  - TQ
  - Al Asad
- Trained
  - 10 Marines
- Improved processes
  - Air TCMD data
  - Electronic data input into D-GATES

TQ "Before" AIR FREIGHT SHIPPING PROCESS AND SUPPORTING AIS


Shipping Requirement
Shipping unit creates MSL/RFID Tag
Cargo, MSL, & RFID Tag transferred to MDC
MDC receives cargo & stages it in the appropriate distribution lane
AMS-TAC
MDC scans MSL & downloads data into AMS-TAC
MDC creates AMS Talley sheet & closes out record
AMS-TAC
MDC informs the flight cargo section of cargo
MDC builds the 463L pallet
AMS-TAC
MDC scans MSL & downloads data into AMS-TAC
MDC burns TAG and makes TCMD with AMS
MDC tags pallet & forwards cargo to JACOT with RFID tag & TCMD
JACOT Marines receives cargo then retypes TCMD into Form flow
JACOT does the Joint Inspection
D-GATES
JACOT Marines re-types TCMD into GATES
JACOT forwards in D-GATES for shipment
JACOT loads plane and cargo departs

TQ "After" AIR FREIGHT SHIPPING PROCESS AND SUPPORTING AIS


Shipping Requirement
Shipping unit creates TCMD & MSL/RFID Tag
Cargo, TCMD,MSL, & RFID Tag transferred to MDC
MDC receives & stages it in the appropriate distribution lane
AMS-TAC
MDC receives cargo scans MSL & downloads data into AMS-TAC
MDC creates AMS Talley Sheet & closes out record
AMS-TAC
MDC informs the flight cargo section of cargo
MDC builds 463L pulls TCMD inputting the height & weight
D-CMOS
MDC Inputs types information into D-CMOS
MDC burns TAG, TCMD, & export of truck manifest
MDC tags pallet & forwards cargo to JACOT with RFID tag & TCMD
D-GATES
JACOT does the Joint Inspection
JACOT forwards truck manifest in D-GATES for shipment
JACOT loads plane and cargo departs

TQ MDC

FALLUJAH DLC

AL ASAD DLC

Kuwait DLC

I MEF DO

Happy
Holidays

Questions?

Carl's golf ball has to be around here somewhere.